IN THE ABSTRACT:

Please change the title from "A METHOD AND SYSTEM FOR MONITORING A PARAMETER OF A VEHICLE TIRE" to --**TIRE MONITORING VIA AN ELECTROMAGNETIC PATH INCLUDING THE GROUND PLANE OF A VEHICLE**--.

IN THE CLAIMS:

Please amend Claims 2, 4-6, 8-10, 12, 14, 16, and 18-23 as follows:

C1

2. (Amended) The method of claim 1 wherein the step of generating a signal is performed at periodic intervals separated by [a] an interval in which no signal is generated.

C2

4. (Amended) The method of claim 1 further comprising the step of indicating [the] status of the monitored tire pressure.

5. (Amended) The method of claim 1 wherein the tire parameter is [the] pressure within the tire.

6. (Amended) The method of claim 1 wherein the tire parameter is [the] temperature within the tire.

C3

8. (Amended) The system of claim 7 wherein the tire parameter is [the] pressure within the tire.

9. (Amended) The system of claim 8 wherein the sensor comprises a first conductive plate which flexes in response to tire pressure and a second conductive plate which is stationary with respect to the first conductive plate such that [the] capacitance between the two plates is a function of [the] tire pressure.

C3 (amd)

10. (Amended) The system of claim 7 wherein the tire parameter is [the] temperature within the tire.

C4

12. (Amended) The system of claim 7 wherein the monitored tire is a tire mounted to support [the weight of] the vehicle.

C5

14. (Amended) The system of claim 7 further [comprises] comprising means for activating the sensor wherein the signal is generated only at periodic intervals separated by [a] an interval in which no signal is generated.

C6

16. (Amended) The [method] system of claim 7 further comprising an indicator in electrical communication with the monitor for indicating [the] status of the monitored tire parameter.

18. (Amended) The system of claim 17 wherein the tire parameter is [the] pressure within the tire.

C7 (amd)

19. (Amended) The system of claim 18 wherein the sensor comprises a first conductive plate which flexes in response to tire pressure and a second conductive plate which is stationary with respect to the first conductive plate such that [the] capacitance between the two plates is a function of the tire pressure.

20. (Amended) The system of claim 17 wherein the tire parameter is [the] temperature within the tire.

21. (Amended) The system of claim 17 further [comprises] comprising means for activating the sensor wherein the signal is generated only at periodic intervals separated by [a] an interval in which no signal is generated.